Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012621\
Data File : BG048003.D
Acq On : 26 Jan 2021 11:26
Operator : CG/JU
Sample : PB134302BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 26 12:48:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 19:39:42 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB134302BS

Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.132	152	47627	20.00	ng		0.00
21) Naphthalene-d8	10.947	136	192497	20.00	ng		0.00
39) Acenaphthene-d10	14.754	164	152071	20.00	ng		0.00
64) Phenanthrene-d10	17.498	188	390360	20.00	ng		0.00
76) Chrysene-d12	21.775	240	342967	20.00	ng		# 0.00
86) Perylene-d12	25.054	264	342399	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.688	112	382514	123.43	ng		0.00
7) Phenol-d6	7.280	99	536797	113.93	ng		0.00
23) Nitrobenzene-d5	9.296	82	354412	72.85	ng		0.00
42) 2,4,6-Tribromophenol	16.240	330	301455	119.02	ng		0.00
45) 2-Fluorobiphenyl	13.379	172	834454	70.95	ng		0.00
79) Terphenyl-d14	20.095	244	1422732	71.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.573	88	39307	28.45	ng		98
3) Pyridine	3.967	79	123693	29.83	ng		91
4) n-Nitrosodimethylamine	3.878	42	71667	37.40	ng		81
6) Aniline	7.451	93	167735	29.47	ng	#	89
8) 2-Chlorophenol	7.692	128	148454	45.76	ng		90
9) Benzaldehyde	7.263	77	96592	39.96	ng	#	80
10) Phenol	7.310	94	204531	45.29	ng		81
11) bis(2-Chloroethyl)ether	7.545	93	137740	38.94	ng		96
12) 1,3-Dichlorobenzene	8.021	146	148264	37.87	ng	#	92
13) 1,4-Dichlorobenzene	8.168	146	148413	37.81	ng		96
14) 1,2-Dichlorobenzene	8.491	146	148488	39.63	ng		94
15) Benzyl Alcohol	8.361	79	169566	42.53	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.655	45	186888	37.65	ng		92
17) 2-Methylphenol	8.567	107	138638	45.42	ng	#	88
18) Hexachloroethane	9.225	117	57464	37.53	ng		99
19) n-Nitroso-di-n-propyla...	8.937	70	137688	40.04	ng		97
20) 3+4-Methylphenols	8.890	107	187535	44.41	ng		91
22) Acetophenone	8.955	105	237774	40.08	ng	#	95
24) Nitrobenzene	9.337	77	199713	40.99	ng	#	85
25) Isophorone	9.866	82	365950	41.92	ng		93
26) 2-Nitrophenol	10.048	139	86323	43.06	ng	#	70
27) 2,4-Dimethylphenol	10.106	122	148694	51.05	ng		89
28) bis(2-Chloroethoxy)met...	10.342	93	210274	40.03	ng		97
29) 2,4-Dichlorophenol	10.588	162	173633	46.33	ng		94
30) 1,2,4-Trichlorobenzene	10.806	180	177379	39.15	ng		99
31) Naphthalene	11.000	128	443043	39.80	ng		99
32) Benzoic acid	10.242	122	122469	46.94	ng	#	69
33) 4-Chloroaniline	11.094	127	79975	15.72	ng	#	90
34) Hexachlorobutadiene	11.282	225	123305	38.31	ng		98
35) Caprolactam	11.869	113	62885m	44.08	ng		
36) 4-Chloro-3-methylphenol	12.204	107	193521	46.02	ng		91
37) 2-Methylnaphthalene	12.592	142	348288	41.43	ng	#	91
38) 1-Methylnaphthalene	12.809	142	330196	41.17	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.956	216	228523	39.42	ng	#	97
41) Hexachlorocyclopentadiene	12.938	237	313164	95.36	ng		100
43) 2,4,6-Trichlorophenol	13.191	196	174214	43.09	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.262	196	187852	44.83	ng	#	97
46) 1,1'-Biphenyl	13.591	154	479668	40.80	ng		99
47) 2-Chloronaphthalene	13.638	162	392391	38.35	ng		97
48) 2-Nitroaniline	13.832	65	149178	40.17	ng	#	80
49) Acenaphthylene	14.478	152	612826	40.58	ng		99
50) Dimethylphthalate	14.208	163	558155	40.55	ng		99
51) 2,6-Dinitrotoluene	14.319	165	124488	43.51	ng	#	73
52) Acenaphthene	14.819	154	477848m	46.75	ng		
53) 3-Nitroaniline	14.648	138	72644	23.14	ng		82
54) 2,4-Dinitrophenol	14.854	184	173554	97.00	ng	#	77
55) Dibenzofuran	15.154	168	633080	40.83	ng		96
56) 4-Nitrophenol	14.948	139	211378	86.31	ng	#	58
57) 2,4-Dinitrotoluene	15.107	165	176660	42.75	ng	#	78
58) Fluorene	15.800	166	523890	42.03	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.371	232	188787	45.06	ng		98
60) Diethylphthalate	15.565	149	575422	40.67	ng		96
61) 4-Chlorophenyl-phenyle...	15.788	204	313695	41.09	ng		99
62) 4-Nitroaniline	15.817	138	124538	36.42	ng	#	69
63) Azobenzene	16.082	77	551750	41.42	ng		91
65) 4,6-Dinitro-2-methylph...	15.870	198	119694	47.51	ng		88
66) n-Nitrosodiphenylamine	16.005	169	495591	42.25	ng		97
67) 4-Bromophenyl-phenylether	16.681	248	214006	41.03	ng		94
68) Hexachlorobenzene	16.805	284	227584	40.12	ng		97
69) Atrazine	16.946	200	186095	41.76	ng		99
70) Pentachlorophenol	17.139	266	309248	89.78	ng		97
71) Phenanthrene	17.539	178	919615	40.83	ng		98
72) Anthracene	17.633	178	940214	42.45	ng		99
73) Carbazole	17.891	167	835465	40.42	ng		98
74) Di-n-butylphthalate	18.450	149	995499	39.44	ng	#	98
75) Fluoranthene	19.537	202	1154629	39.10	ng		98
77) Benzidine	19.713	184	358122	36.20	ng		99
78) Pyrene	19.901	202	1120508	44.61	ng		99
80) Butylbenzylphthalate	20.782	149	382597	39.88	ng		91
81) Benzo(a)anthracene	21.752	228	1024779	41.11	ng		98
82) 3,3'-Dichlorobenzidine	21.664	252	232880	27.73	ng	#	95
83) Chrysene	21.822	228	979763	41.37	ng		99
84) Bis(2-ethylhexyl)phtha...	21.658	149	534218	40.66	ng		95
85) Di-n-octyl phthalate	22.897	149	908539	41.34	ng		97
87) Indeno(1,2,3-cd)pyrene	28.814	276	1167727	42.40	ng	#	89
88) Benzo(b)fluoranthene	24.014	252	1023670	42.06	ng	#	97
89) Benzo(k)fluoranthene	24.084	252	998714	42.23	ng	#	97
90) Benzo(a)pyrene	24.907	252	936857	40.99	ng	#	97
91) Dibenzo(a,h)anthracene	28.890	278	971170	42.73	ng	#	94
92) Benzo(g,h,i)perylene	29.995	276	950000	43.39	ng	#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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